

## Tennessee Pollution Prevention Partnership Success Story



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### Portable DI Equipment

#### The Member

Delta Faucet Company of Tennessee, a subsidiary of Delta Faucet Company, a division of Masco Corporation (MAS), started production in its Jackson, Tenn., facility in August 1995. The operation started with fewer than 50 people working one shift. Today, the facility employs 750 associates who work three shifts. The Jackson facility has reached several milestones including tiered production goals of one million and five million faucets produced within its first five years of operation.

#### The Story

In November 2010, an eight-inch water main ruptured beneath the facility flooring. The force of the water raised and broke the facility flooring underneath the water purifying equipment. This equipment provided soft and deionized (DI) water for use within the facility. It had to be removed to allow concrete repairs.

#### The Success

The need to replace the water purifying equipment was immediate. Siemens (a water technologies company) was contacted to provide portable water purifying equipment. During 2011 a six sigma study was performed to analyze the operation of the portable equipment as compared to the permanent equipment.

#### The Pollution Prevented

The portable equipment proved to be more efficient than the permanent equipment. This change reduced the amount of water and chemicals used to generate the same amount of soft and DI water. Additionally, Delta Faucet was able to eliminate the need for storing treatment chemicals on site.

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TENNESSEE POLLUTION PREVENTION PARTNERSHIP  
1-800-734-3619 [WWW.TP3.ORG](http://WWW.TP3.ORG)